

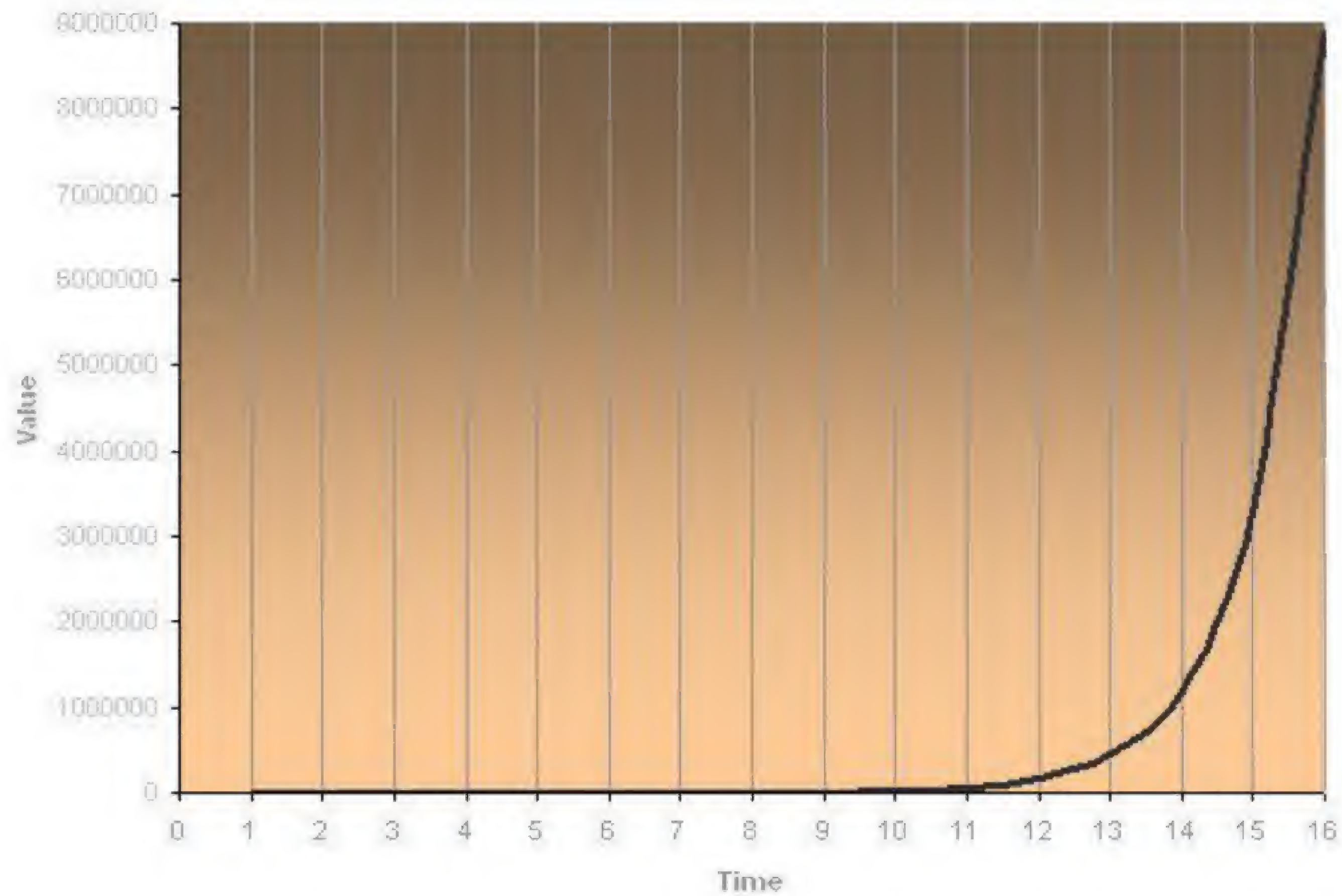


Psychology

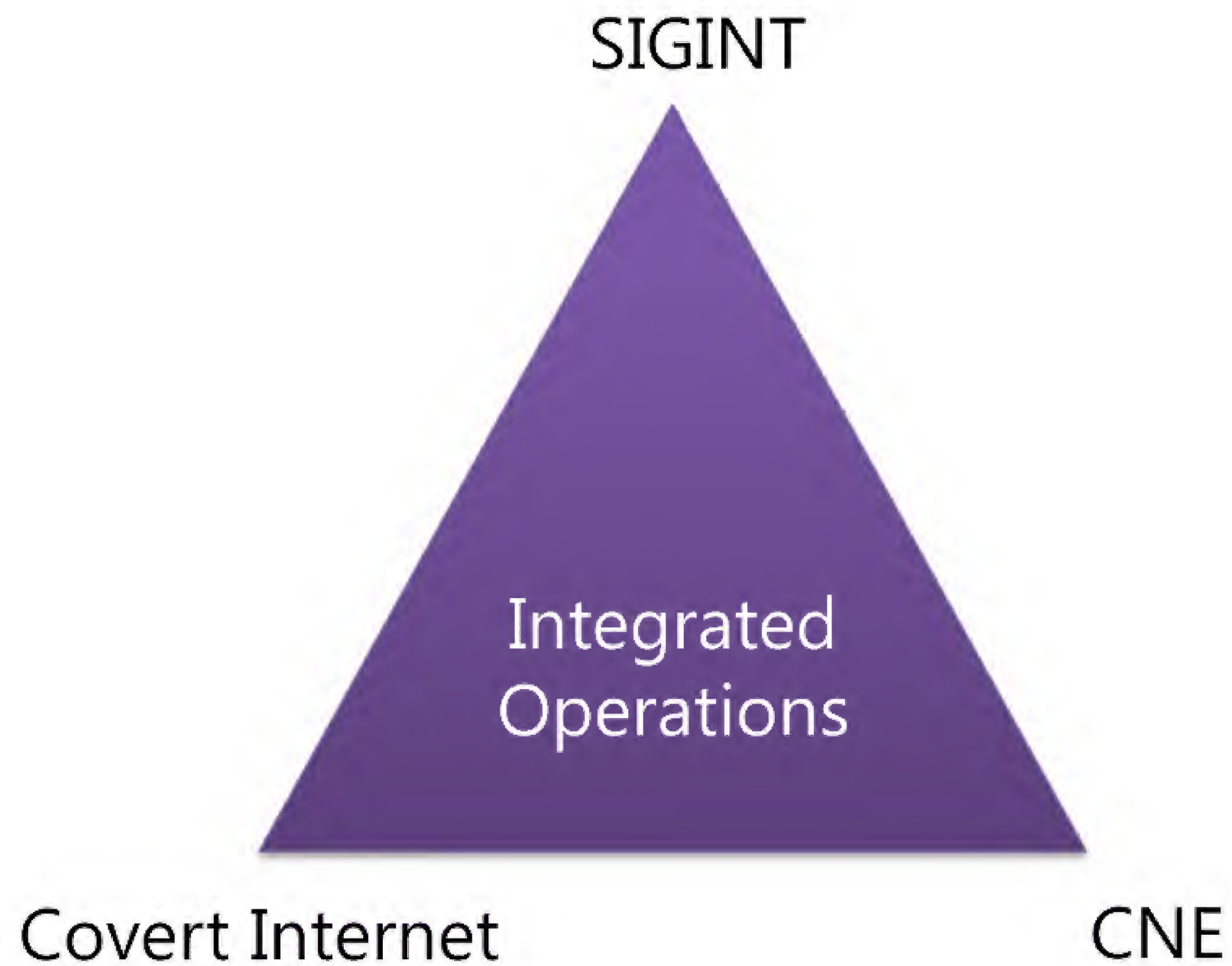
A New Kind of SIGDEV

Establishing the Human Science Operations Cell





1000bn





Online
HUMINT

Strategic
Influence

Disruption
and CNA

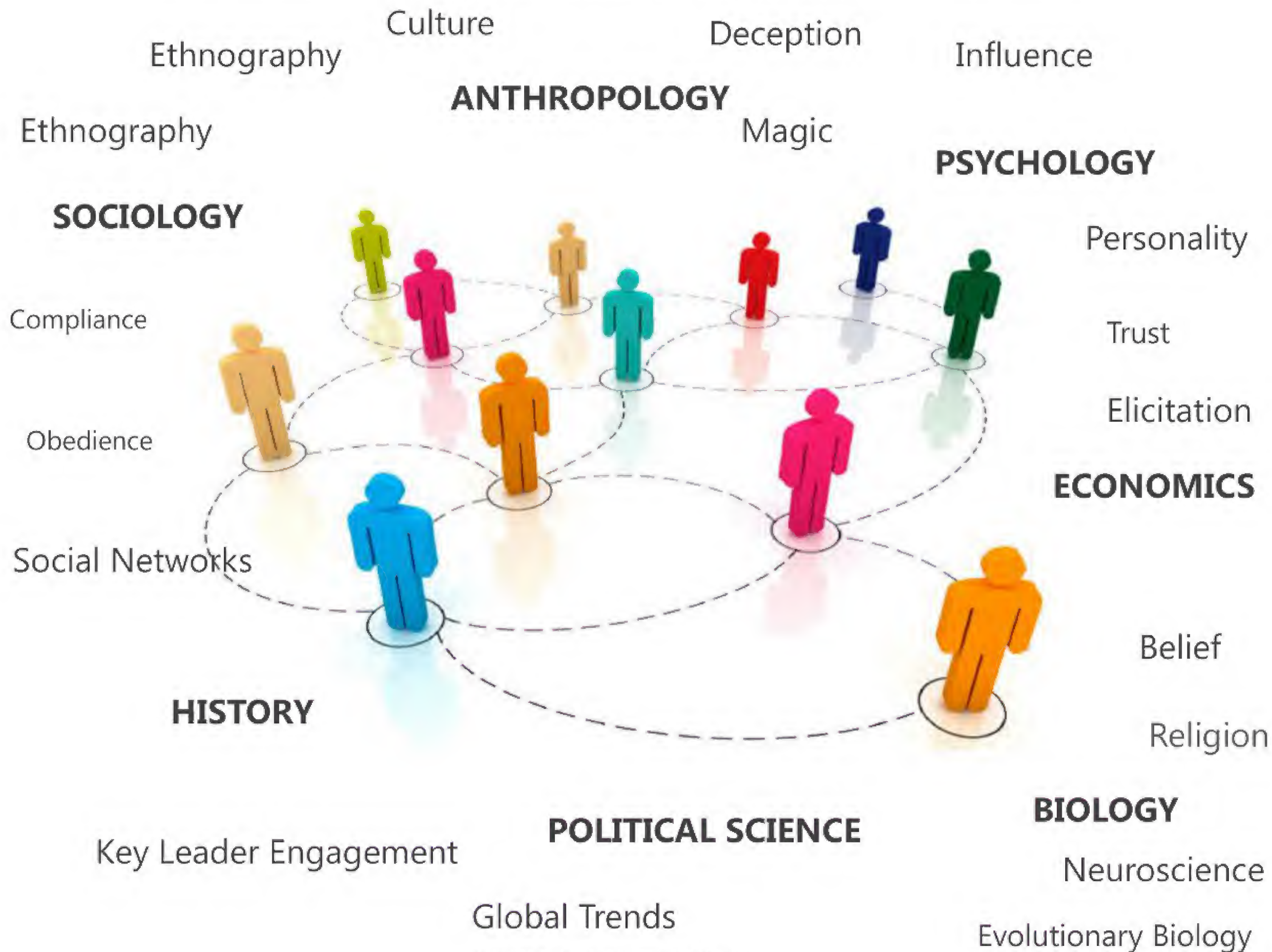
Psychology 101 concepts illustrated:





Human Science?





S4

SCIENCE

SIGINT

SKILLS

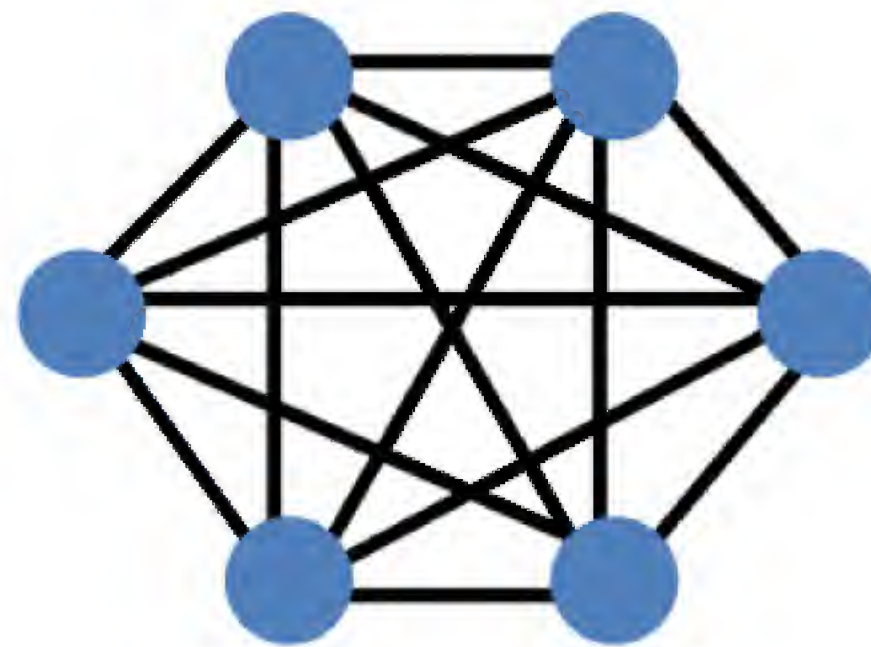
SYSTEMS



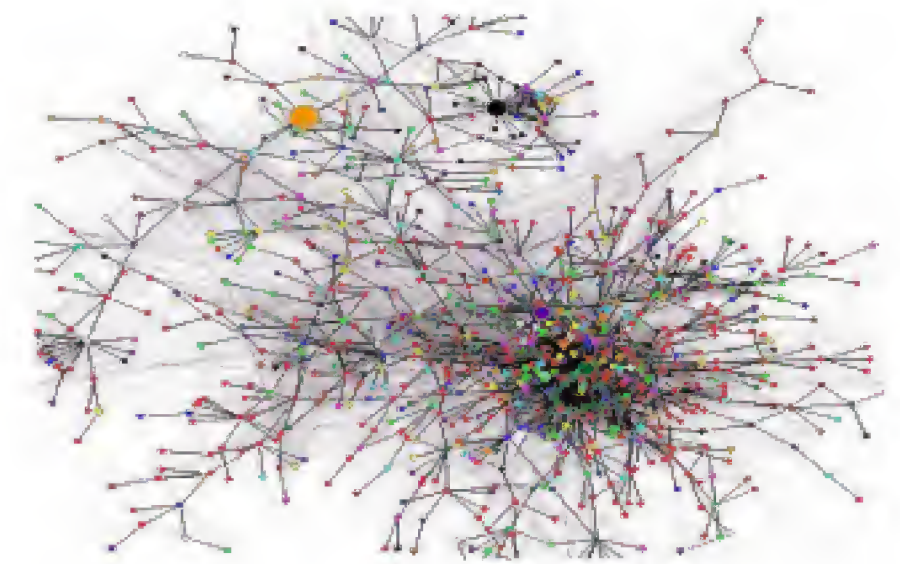




Individuals



Groups



Socio-Cultural



A large, powerful ocean wave is breaking, creating a massive wall of water and a large plume of white spray. The water is a deep blue-green color. The sky is a vibrant blue with scattered white clouds. The overall scene is dynamic and captures the raw power of the ocean.

OCEAN

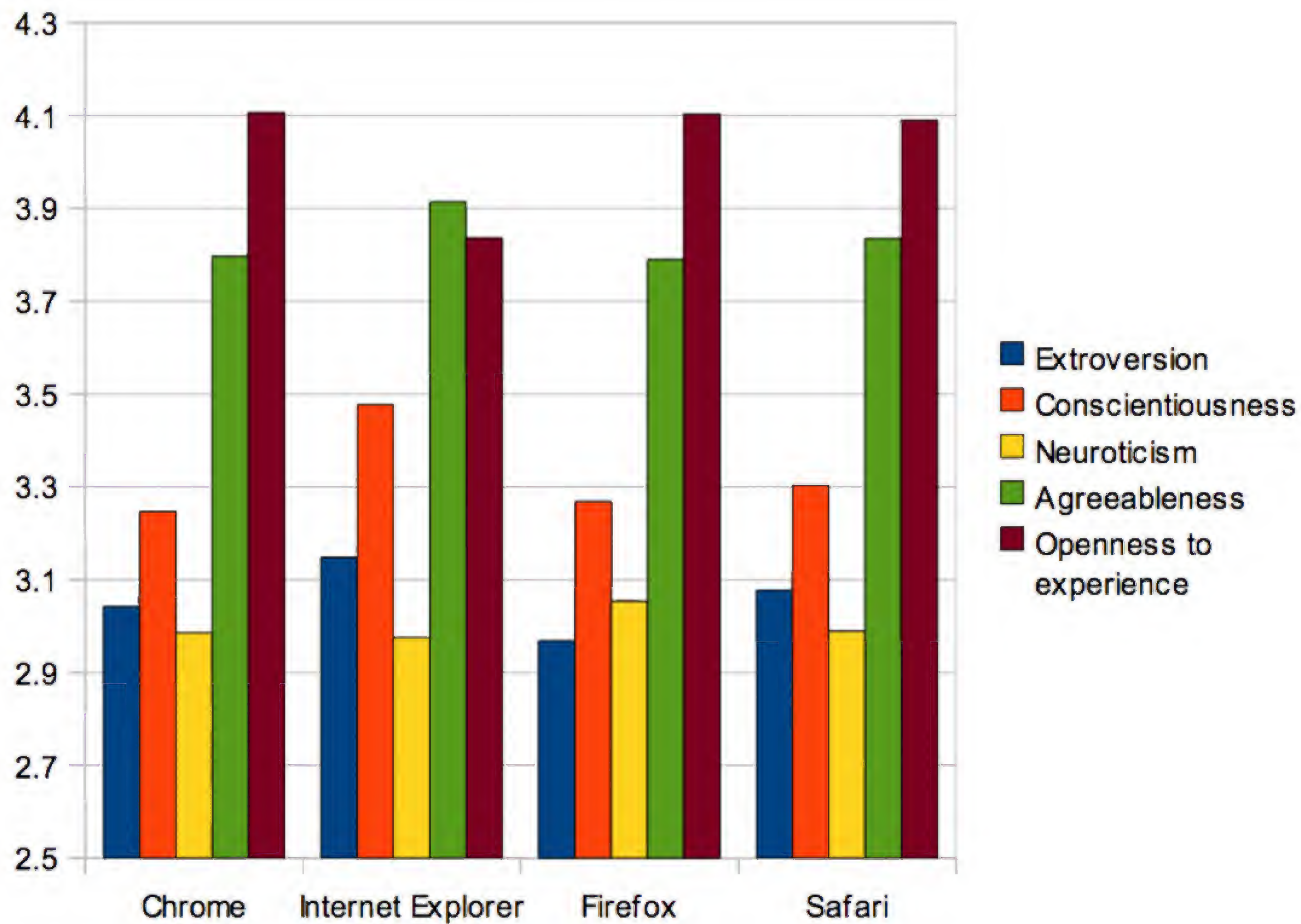
OCEAN

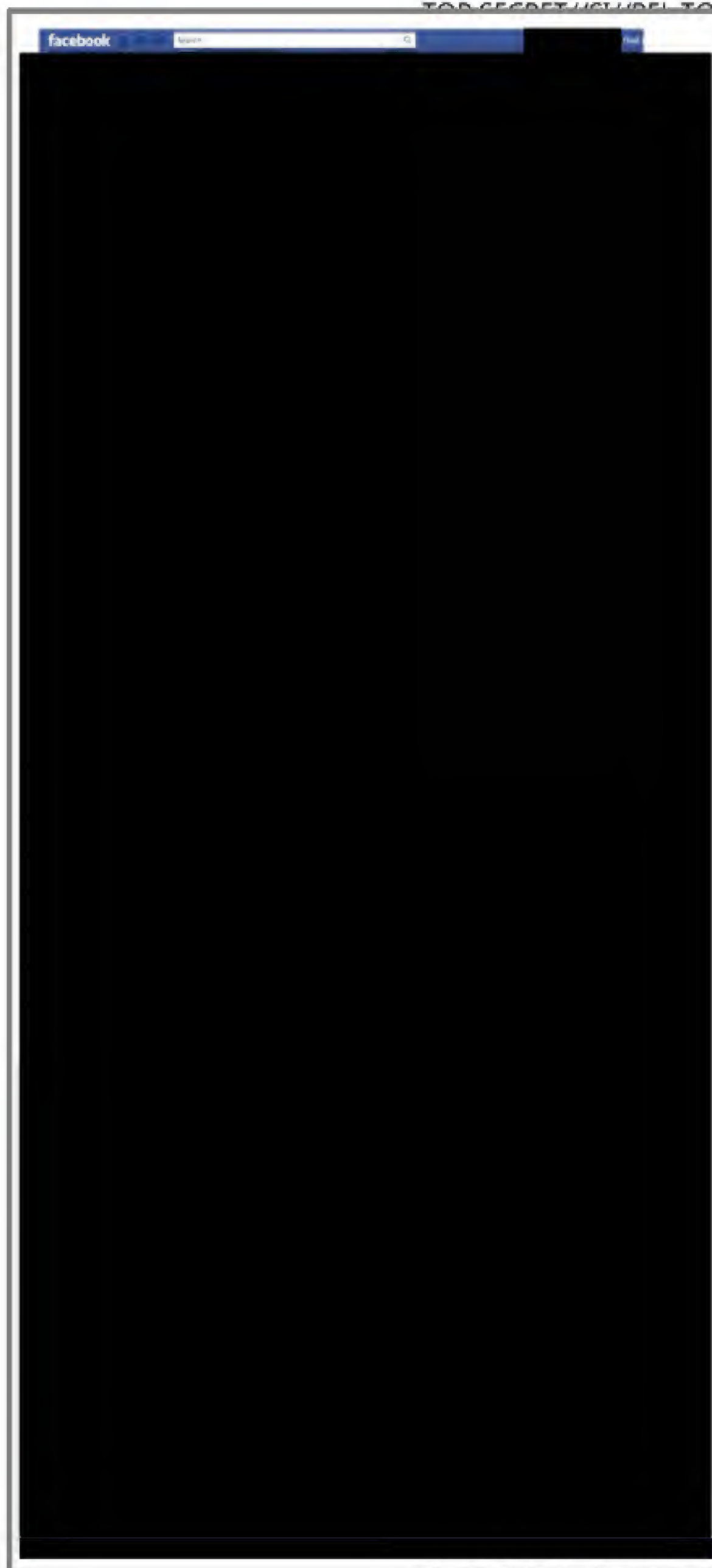
Openness Conscientiousness Extroversion
Agreeableness Neuroticism



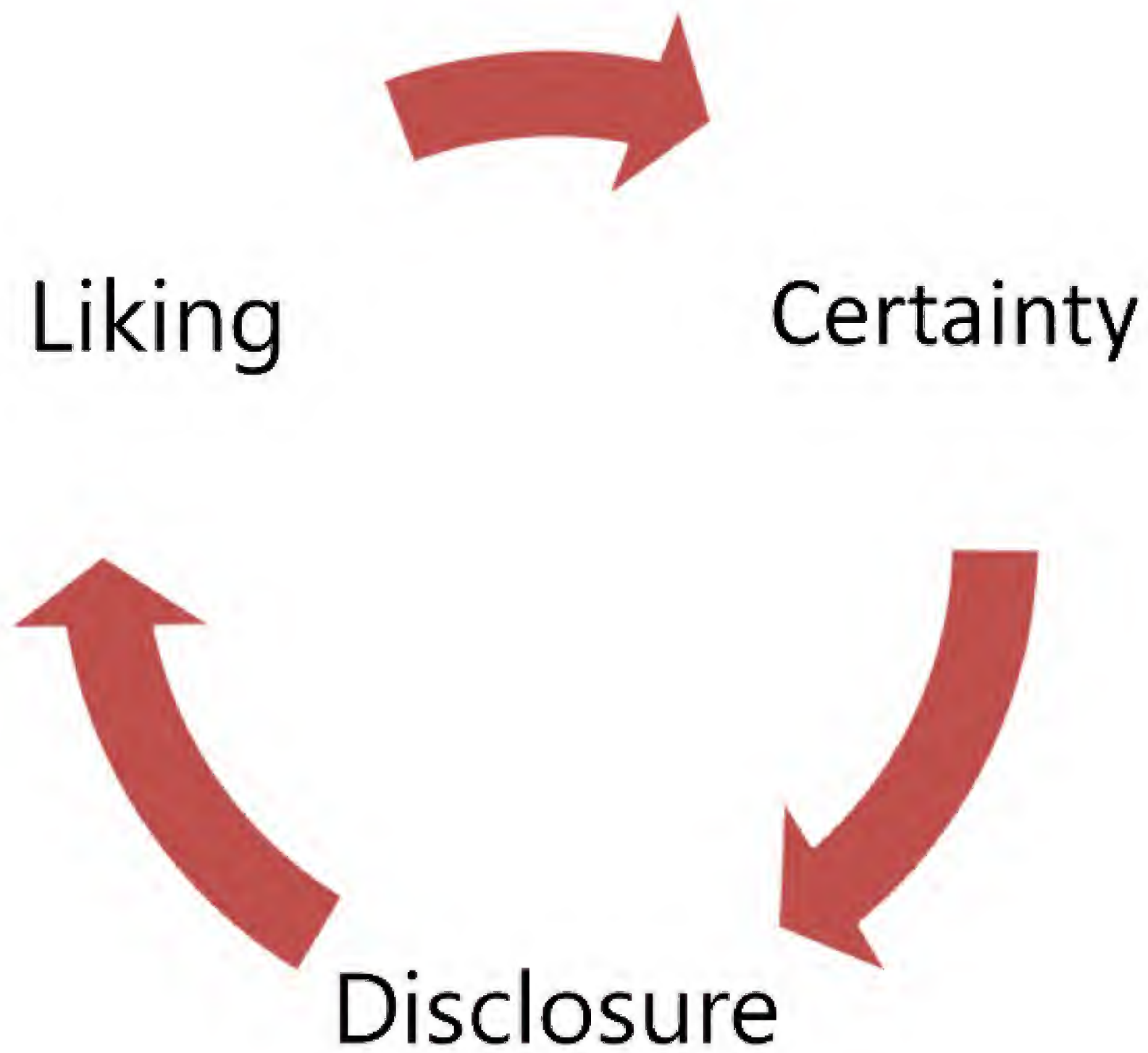
VS





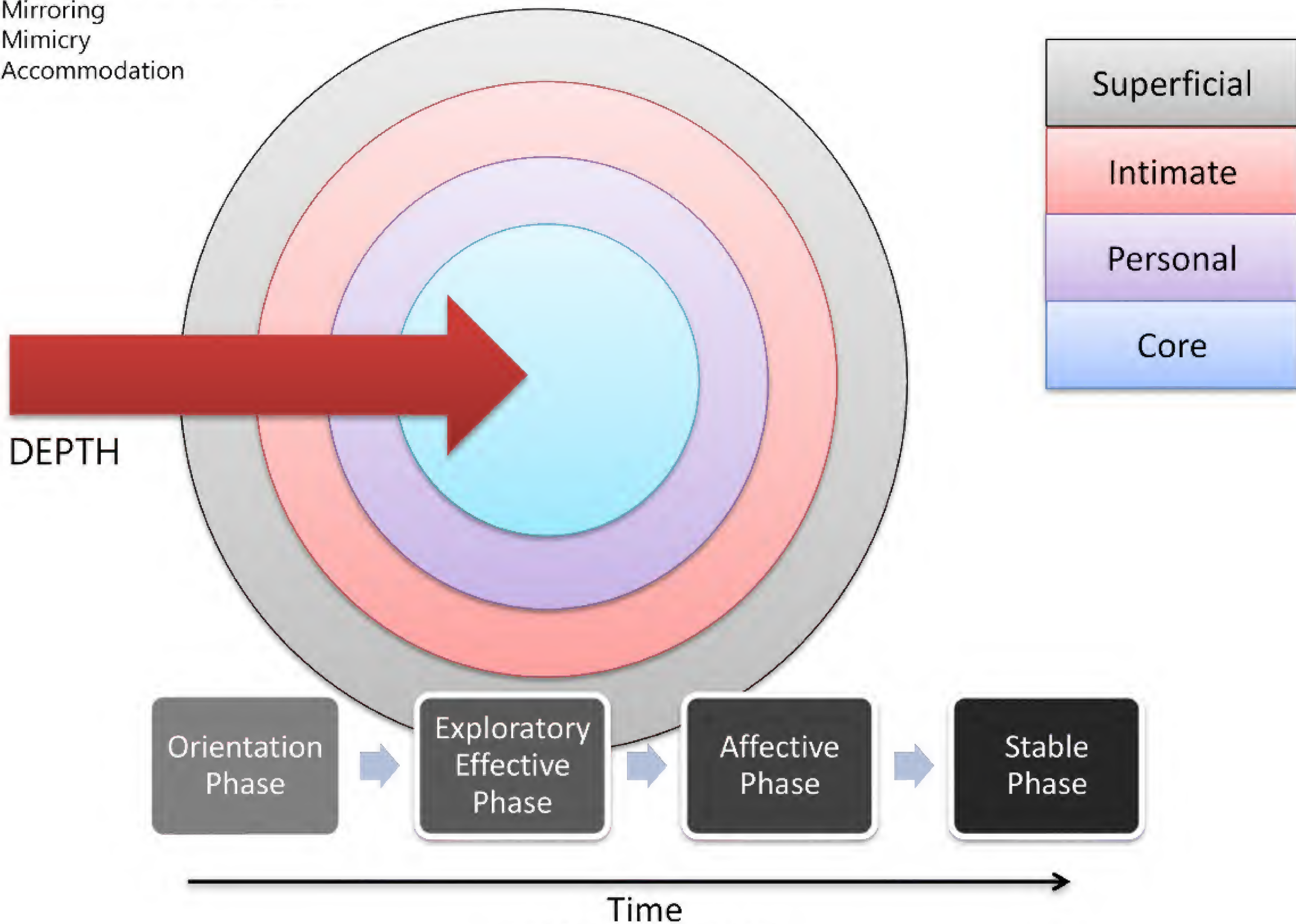


What
can we
tell?

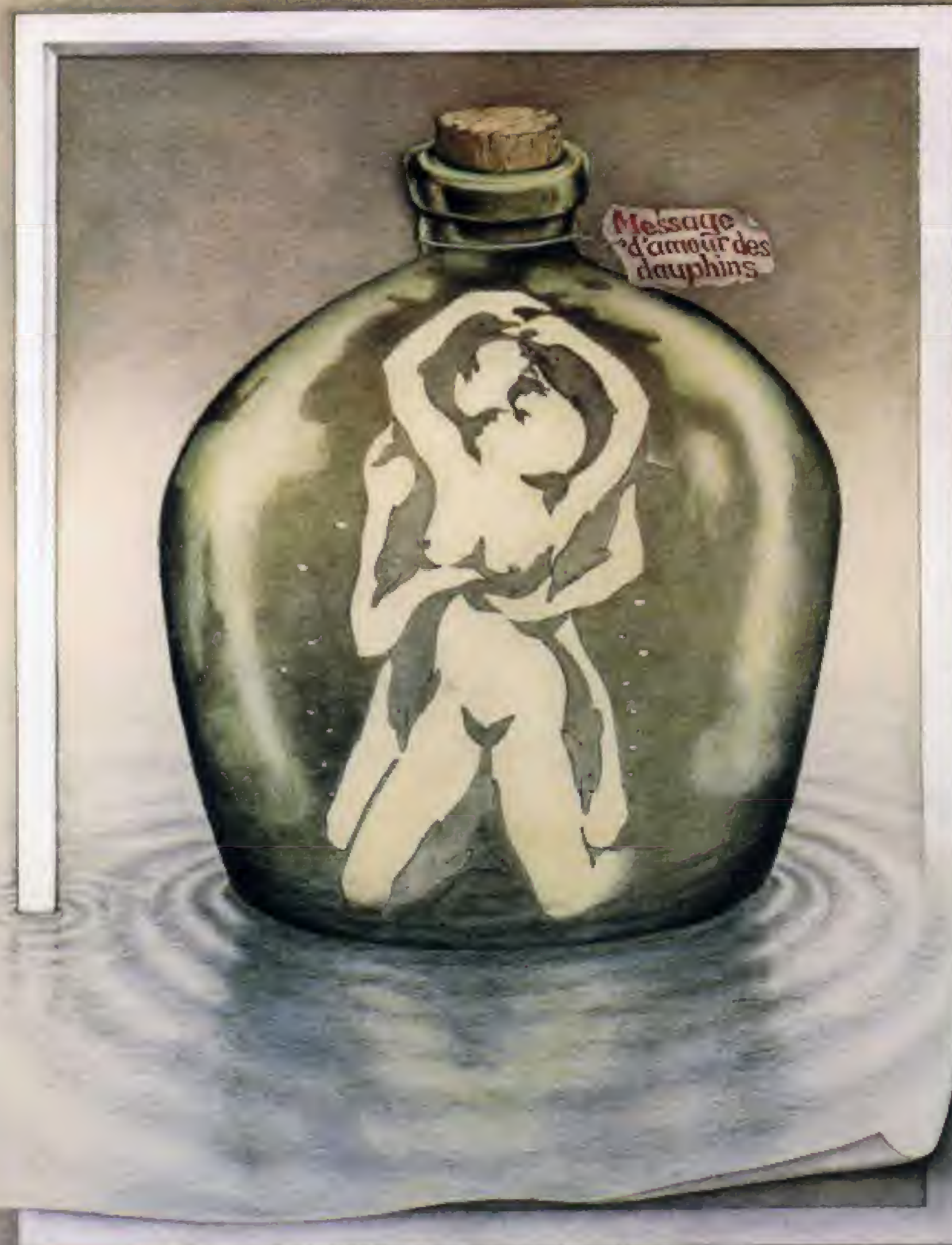


Facilitated through:

Mirroring
Mimicry
Accommodation







Liabestelschaft der Delphine II/XX handgezeichnet Ende des 19. Jhd.



SQUEAKY DOLPHIN



Can SIGDEV help us understand and shape
the Human Terrain?

SQUEAKY DOLPHIN

Broad real-time monitoring of online activity of:

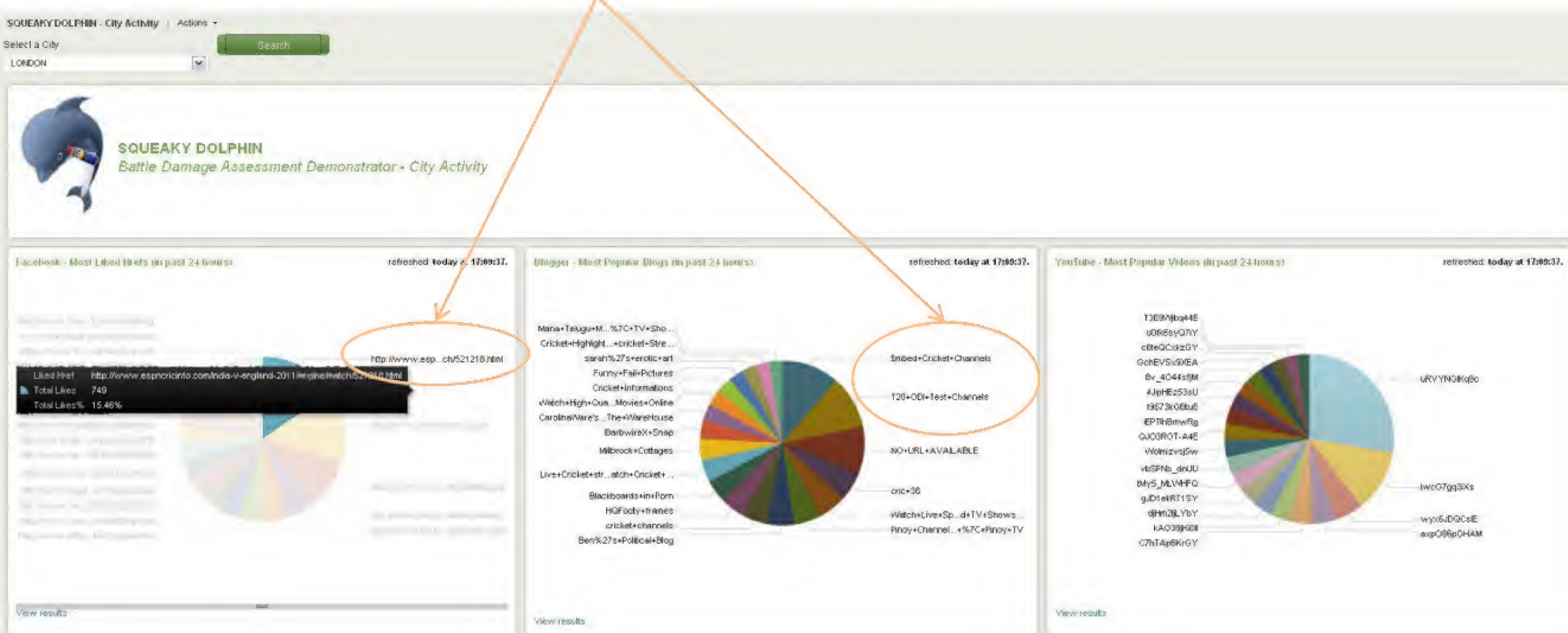
- YouTube Video Views
- URLs 'Liked' on Facebook
- Blogspot/Blogger Visits



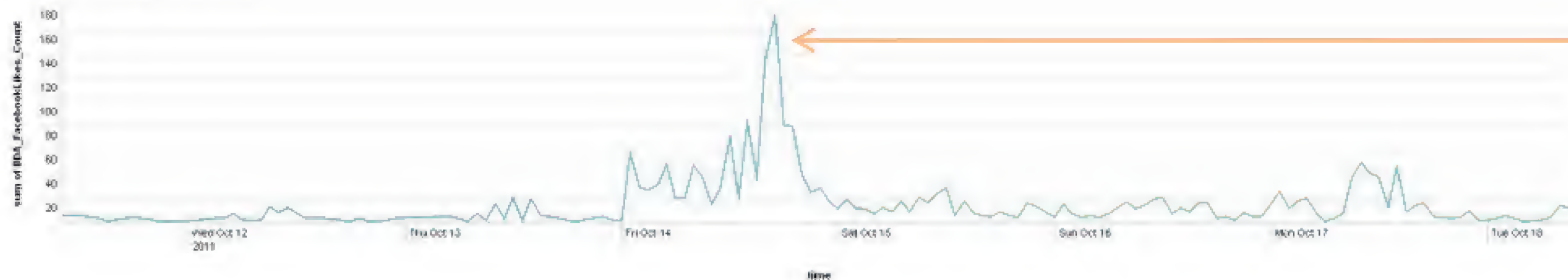
TOP SECRET//SI//REL TO USA, FVEY

Cricket Related Activities in London, England

Embed+Cricket+Channel
T20+ODI+Test+Channels
ESPN CricInfo India Vs England
Page 'Liked'



Facebook Likes containing 'liam fox' for LONDON

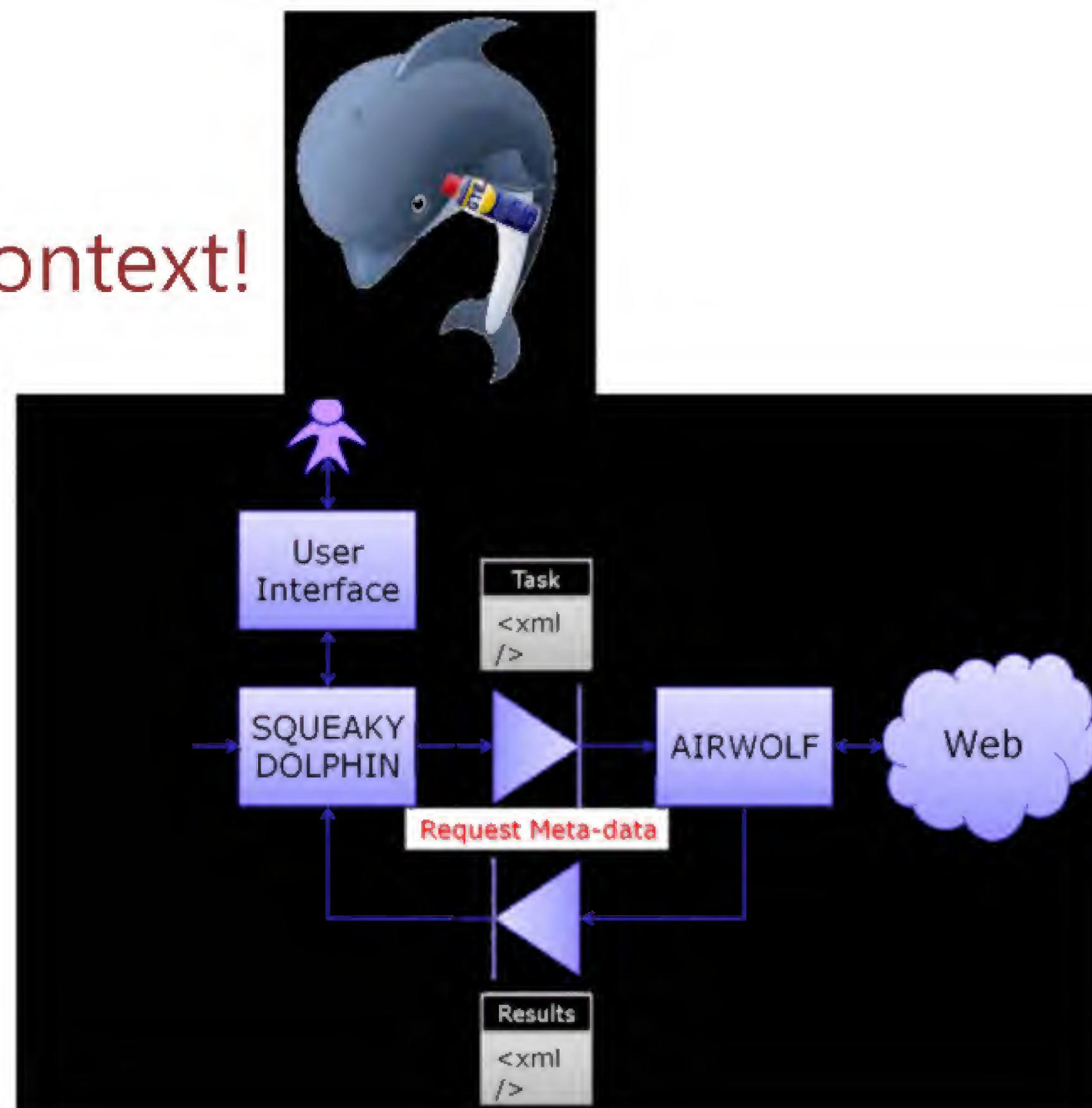


'Facebook' Likes for URLs containing 'liam fox'

*So Passive gives us...
Scalability.*

But, we don't have context!

Targeted
enrichment
is the
solution.



Across the world on 13th February 2012:
the 14th Feb & Syrian Rally



YouTube Game Trailer in London, England

Popular Activity in last 24 hours

Facebook - Most Liked (in past 24 hours)

refreshed: today at 17:21:05.

http://www...8474901733
http://www...news@reg
http://www...onliniclip
http://www...8606635231
http://www...cam4.com
http://www...omStandoff
http://www...531631.html
http://www...castleville
http://www...nivescore
http://www...now.co.uk/
http://www...2521839080
http://www...comDeaFly
http://www...book.com/
http://www...comiTunes



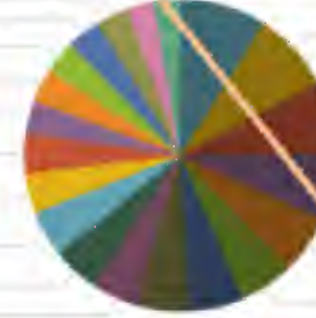
http://www...angstoxide
http://www...onthesun/
http://www...lonetallenq
http://www...channel.ch
http://www...chronicles
http://www...niAppStore

[View results](#)

Blogger - Most Popular (in past 24 hours)

refreshed: today at 17:21:05.

The+Celeb+Fakes
Watch+Drago...+and+D...
Support+of...%D8%AA+...
Ty+%C4%BQz...z++Do...
partyhose+b...on+in+hose
Burger+%26...ch+Recipes
Hair+Laser+Removal
Eco+Tourism+Blog
D4+Live
Welcome+to+...keji's+Blog
Disney+Bitches+Nude
Minecraft+Se...+best+Mi...
Beat+The+Boo...+all+Tipster



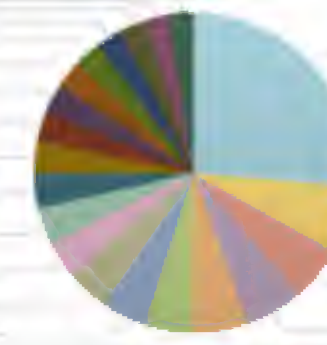
sports+news+always
Just+Chill+Out
Dixie+Online...ee+Film+...
Equestria+Daily
Planet+of+Music
%D8%B0%08...DA%A9...
HentaiRom+%...+Online+...

[View results](#)

YouTube - Most Popular (in past 24 hours)

refreshed: today at 17:21:05.

UJB55MaoD0
RiDvP6Kkl
JRruAukYTKg
Bag1gUxU0g
ADe4_Ps1jTi
80Oed80T4vw
QV03ROT-A4E
OZLUa6JUR18
IYzIVDE72w
3JVTaaS7LdU
hstk457FJE
eH3galzQNA
Y1xs_xp46M
lpOR_HuHRNs
H9nPi7w7pDI



eiwaz_JavkQ
8UvNT4vviGY
Yv48nGqU0vQ
pRS4139qK48
SHRce5-bIA

[View results](#)

Most Popular Videos with Meta-data (in past 24 hours)

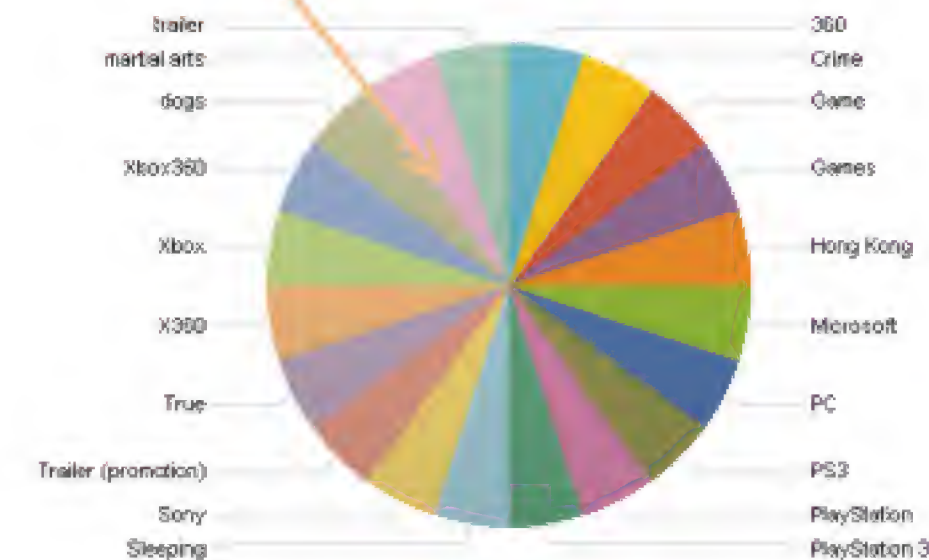
refreshed: today at 17:21:05.

Video ID ↕	Total Views ↕	Title ↕	Tags ↕
eiwaz_JavkQ	105		
8UvNT4vviGY	27		
Yv48nGqU0vQ	23		
pRS4139qK48	23		
SHRce5-bIA	22		
H9nPi7w7pDI	19		
lpOR_HuHRNs	19		
Y1xs_xp46M	17		
eH3galzQNA	15		
hstk457FJE	15		

[View results](#)

Most Popular Video Tags

refreshed: today at 17:21:05.

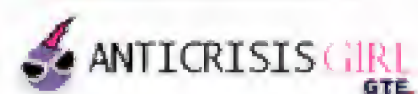


[View results](#)



Targeted website monitoring using passive.

Customised Piwik installation, and is integrated into GTEs passive capabilities.



Dashboard

Visitors

Actions

Referrers

Goals

Website **wikileaks**

Date range: 2012-02-09

[Add a widget...](#)[About Piwik 1.6](#)

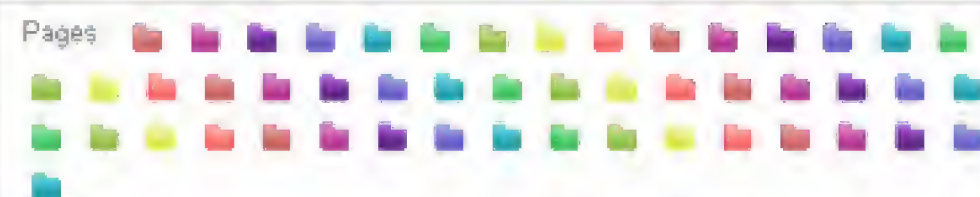
Last visits graph



Visitors in Real Time

Date	Visits	Pageviews
Last 24 hours	73	596
Last 30 minutes	0	0

Fri 10 Feb - 08:29:33 (16 min 43s) - IP: [REDACTED]

from [Google](#) - "wikileaks" - 3

Fri 10 Feb - 07:48:18 (34s) - IP: [REDACTED]

Direct Entry

Pages: [Grid of colored squares]

Fri 10 Feb - 07:43:17 (3s) - IP: [REDACTED]

Direct Entry

Pages: [Grid of colored squares]

Fri 10 Feb - 07:29:03 (53s) - IP: [REDACTED]

Direct Entry

Pages: [Grid of colored squares]

List of Keywords

Keyword	Visits
wikileaks	7
(450) members@hotmail.com	1
email contacts 372 kadri@yahoo.com@hotmail.com	1
http://www.wikileaks.org/	1
maysan UX0	1

1 of 5

List of external Websites

Website	Visits
fr.babelfish.yahoo.com	2
fb.videochat.evgen.in	1
in.facebook.com	1
webcache.googleusercontent.com	1
wikileaks.ch	1
www.plusnetwork.com	1
www.wikileaks.ch	1
zoopolitikon2.blogspot.com	1

1 of 8

Best search engines

Search Engine	Visits
Google	11

Visitor countries (world map)



Visits

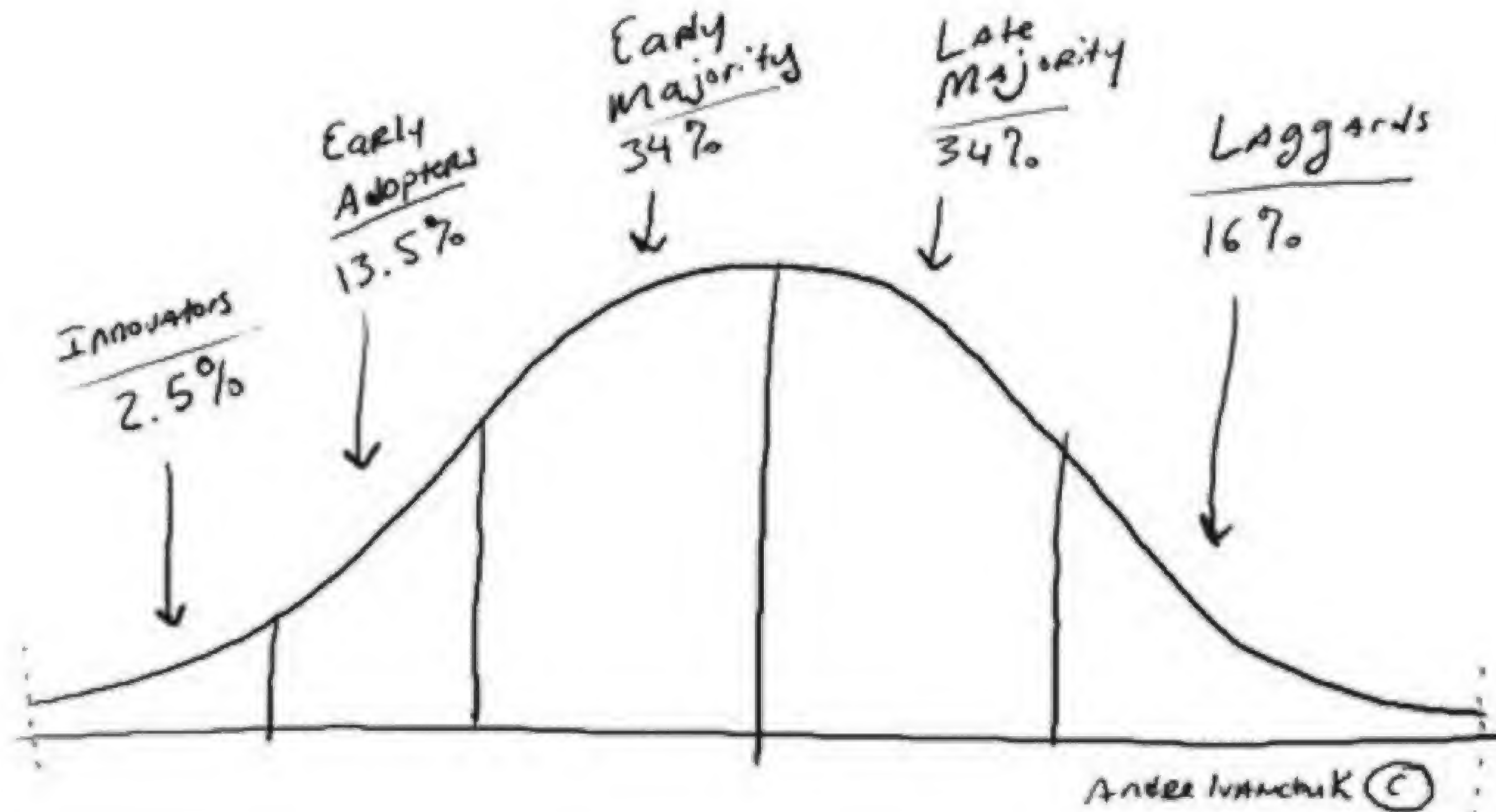
Visitor browsers

Browser	Unique visitors
Netscape 5.0	16
Chrome 16.0	12
Internet Explorer 8.0	8
Safari 5.1	5
Firefox 3.6	3

1 of 22 Next >

Visits by server time





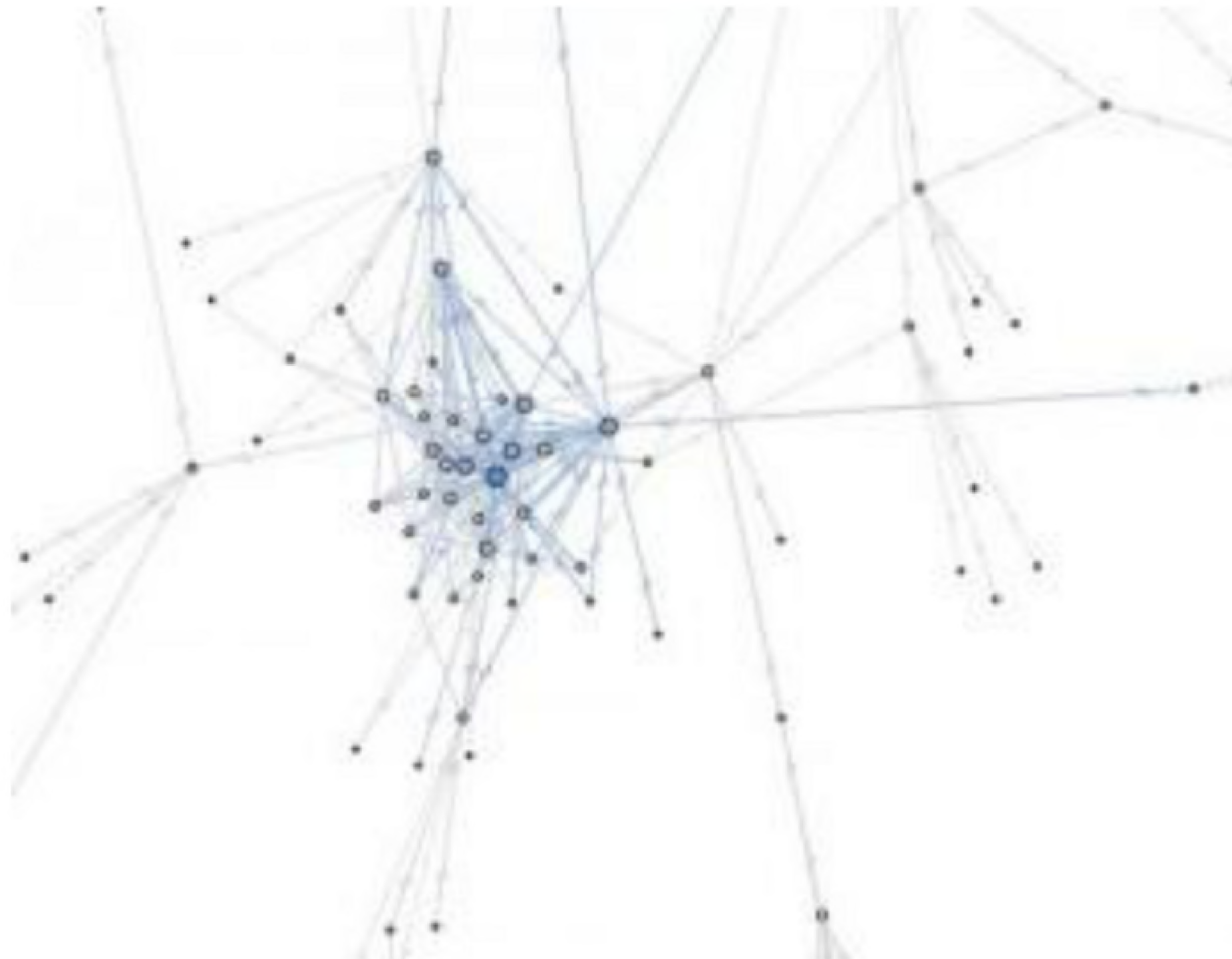
HOLLOW POINT

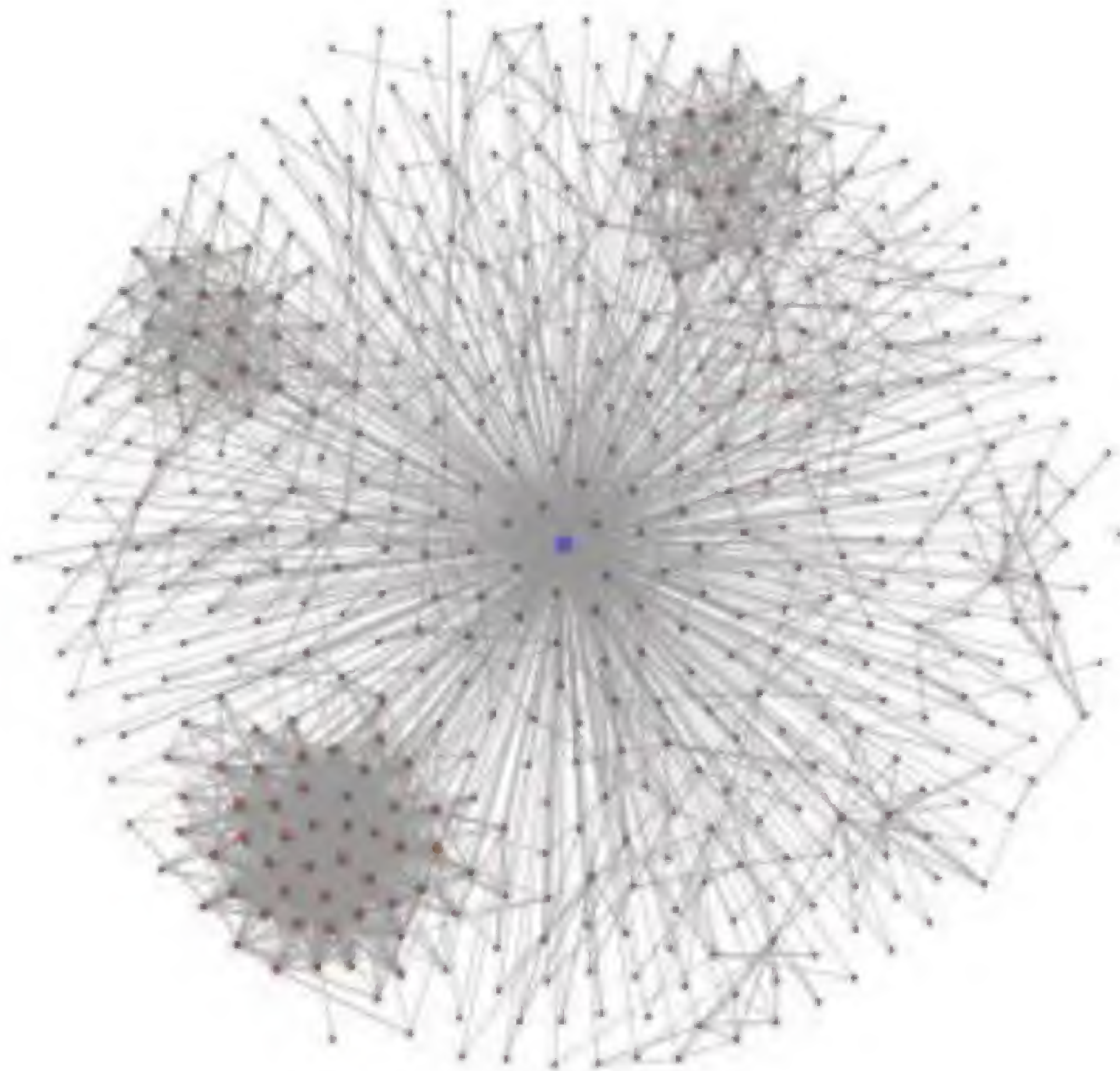


Optimising Influence

NEWTONS CAT









JamesM Titus James M Titus
@Sysparatem Right on bro
 8 hours ago



Sysparatem Mike Parker
 RT **@JamesM Titus**: **@Sysparatem** Yeah, so true! you mean I
 should be suspicious of you? or that **@btocops** should be
 challenged?
 10 hours ago



JamesM Titus James M Titus
@Sysparatem Yeah, so true!
 10 hours ago



Sysparatem Mike Parker
 RT **@botcops**: **@Sysparatem** you might want to be suspicious
 about **JamesM Titus**>> what do you say **@JamesM Titus** ?
 11 hours ago



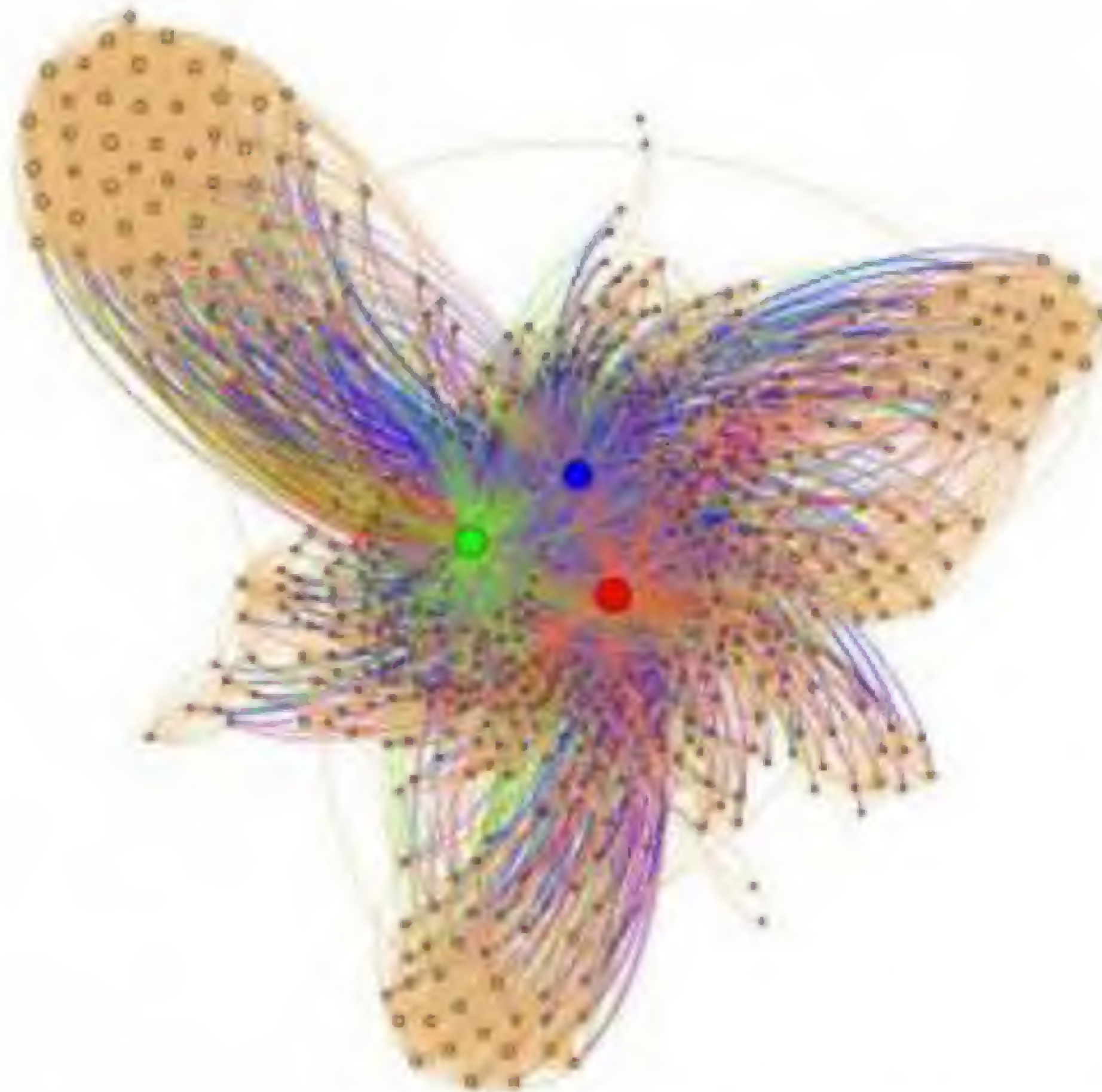
Sysparatem Mike Parker
 RT **@botcops**: **@mstheay00** auto-alert: am monitoring for spam:
@JamesM Titus
 11 hours ago



botcops Bulletproof
@Sysparatem you might want to be suspicious about
JamesM Titus
 12 hours ago



botcops Bulletproof
@Sysparatem auto-alert: am monitoring for spam: **JamesM Titus**
 5 Feb



Influence @ Scale

Fire Ant

Open Source Visualisation

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From: May 2012 to: May 2012

▶ Play



ALL CATEGORIES

BBCM TAGS

IRAQ

CHINA

CIVILIANS

DEATHS

IRAN

PAKISTAN

PROPERTY LOSS

REPORT SOURCE

RIOTS

HOW TO REPORT

1. By sending an email to dibalso@gchq.gov.uk
2. By filling this form





Head of Human Sciences - HSOC



Capability Developer - GTE

